



On January 14, 2003 the Office mailed a Notification of Missing Requirements to Ladas & Parry, Peter D. Galloway, 26 West 61<sup>st</sup> Street, New York, NY 10023, (copy enclosed – 2 pages).

On January 14, 2003 the Office mailed a Withdrawal of Previously Sent Notice to Ladas & Parry, Peter D. Galloway, 26 West 61<sup>st</sup> Street, New York, NY 10023, withdrawing the Notice of Abandonment mailed July 2, 1997, (copy enclosed – 2 pages).

On March 12, 2003 the Office received the Notification of Missing Requirements mailed in error on January 14, 2003 from Ladas & Parry, Peter D. Galloway, 26 West 61<sup>st</sup> Street, New York, NY 10023, (copy enclosed – 4 pages).

On May 19, 2003 the Office mailed the Notification of Missing Requirements to Mark M. Friedman, c/o Robert Sheinbein, 2940 Birchtree Lane, Silver Spring, MD 20906, (copy enclosed – 2 pages).

On July 14, 2003 the Office received a Status Inquiry from Mark M. Friedman, (copy enclosed – 1 page).

On August 20, 2003 the Office mailed the Notification of Missing Requirements to Mark M. Friedman, c/o Bill Polkinghorn – Discovery Dispatch, 9003 Florin Way, Upper Marlboro, MD 20772, (copy enclosed – 2 pages).

On October 14, 2003 the Office received our Response (copy enclosed – 1 page).

On November 14, 2003 the Office mailed Notice of Acceptance of Application to Robert Sheinbein, Mark Friedman & Co., 2940 Birchtree Lane, Silver Spring, MD 20906, (copy enclosed – 2 pages).

On March 28, 2006 the Office mailed a Non Final Office Action to Robert Sheinbein, Mark Friedman & Co., 2940 Birchtree Lane, Silver Spring, MD 20906. On April 7, 2006, the Non Final Office Action was returned to the Office with the marking “RETURN TO SENDER, NOT DELIVERABLE AS ADDRESSED UNABLE TO FORWARD RETURN TO SENDER”, (copy enclosed – 7 pages).

On November 1, 2006 the Office mailed a Notice of Abandonment. On November 8, 2006 the Notice of Abandonment was returned to the Office with the marking “RETURN TO

SENDER, NOT DELIVERABLE AS ADDRESSED UNABLE TO FORWARD",  
(copy enclosed – 3 pages).

On November 6, 2007, Mark M. Friedman e-filed a Status Inquiry,  
(copy enclosed – 3 pages).

On July 2, 2008, Mark M. Friedman e-filed a Status Inquiry,  
Change of Correspondence Address Form (copy enclosed – 4 pages).

No reply was ever received to our Status Inquiry mailed July 17, 2002, July 14, 2003,  
November 6, 2007 and July 2, 2008.

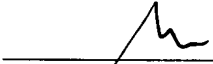
Despite the fact that Change of Correspondence Address Forms were filed on  
October 19, 2001, January 17, 2002 and July 2, 2008 indicating that correspondence was to be  
mailed to Dr. Mark M. Friedman Ltd., c/o Bill Polkinghorn – Discovery Dispatch, 9003 Florin  
Way, Upper Marlboro, MD 20772, the Attorney/Agent Information remains Robert Sheinbein,  
Mark Friedman & Co., 2940 Birchtree Lane, Silver Spring, MD 20906,  
(copy enclosed – 1 page).

The application is deemed Abandoned on October 30, 2006 for Failure to Respond to  
an Office Action, (copy of PAIR page print enclosed - 1 page).

In view of the foregoing, the Notice of Abandonment should be withdrawn and the  
correspondence address (finally) updated, and restart the clock for responding to the Office  
Action of March 28, 2006.

It is believed that this Petition does not require a fee, but if one is required,  
authorization to charge Deposit Account 06-2140 is hereby granted.

Respectfully submitted,

  
\_\_\_\_\_  
Mark M. Friedman  
Attorney for Applicant  
Registration No. 33,883

Date: November 27, 2008



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:	§	
	§	
Feder et al.	§	
	§	
Serial No.: 08/817,849	§	
	§	
Intl Filing Date: Apr. 16, 1997	§	Group Art Unit:
	§	
For: Apparatus And Method For	§	Attorney
Compressing Binarized Images	§	Docket: 27/89
	§	

Commissioner of Patents and Trademarks  
Alexandria, Virginia 22313

STATUS INQUIRY

Sir:

This is to inquire as to the current status of the above-referenced application.

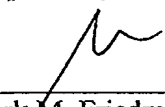
The application was filed over 10 years ago.

In response to a Completion of Filing Requests, we timely filed a response on October 14, 2003.

To date we have not heard from the PTO on this case.

Please advise as to the current status of the file and when we can expect to receive a further communication.

Respectfully submitted,

  
\_\_\_\_\_  
Mark M. Friedman  
Attorney for Applicant  
Registration No. 33,883

Date: November 6, 2007



## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	2428301
<b>Application Number:</b>	08817549
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	8369
<b>Title of Invention:</b>	Apparatus and method for compressing binarized images
<b>First Named Inventor/Applicant Name:</b>	Meir Feder
<b>Correspondence Address:</b>	Robert Sheinbein Mark Friedman & Co 2940 Birchtree Lane - Silver Spring MD 20906 US -
<b>Filer:</b>	Mark Friedman
<b>Filer Authorized By:</b>	
<b>Attorney Docket Number:</b>	27/89
<b>Receipt Date:</b>	06-NOV-2007
<b>Filing Date:</b>	14-OCT-2003
<b>Time Stamp:</b>	08:03:34
<b>Application Type:</b>	U.S. National Stage under 35 USC 371

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for status of Application	_1106145818_001.pdf	19740	no	1
			714166bc4d2979f756a88c043a76bf31d51a6a4		

**Warnings:**

**Information:**

Total Files Size (in bytes):

19740

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:

Meir FEDER et al.

Serial No.: 08/817,549

Filing Date: April 16, 1997

For: APPARATUS AND METHOD  
FOR COMPRESSING  
BINARIZED IMAGES

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Confirmation No. 8369

Group Art Unit:

Attorney Docket: 27/89

Commissioner of Patents and Trademarks  
Alexandria, Virginia 22313

STATUS INQUIRY

Sirs:

This is to inquire as to the current status of the above-referenced application.

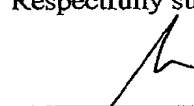
The application was filed over 11 years ago.

In response to a Notification of Missing Requirements, we timely filed a Response on October 14, 2003. To date, we have not received a Filing Receipt.

Attached is a Change of Address Form.

Please advise as to the current status of the file and when we can expect to receive a further communication.

Respectfully submitted,

  
\_\_\_\_\_  
Mark M. Friedman  
Attorney for Applicant  
Registration No. 33,883

Date: July 2, 2008



PTO/SB/122 (01-06)  
Approved for use through 12/31/2008. OMB 0651-0035  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>CHANGE OF CORRESPONDENCE ADDRESS Application</b>  Address to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	Application Number	08/817,549
	Filing Date	April 16, 1997
	First Named Inventor	Meir FEDER et al
	Art Unit	
	Examiner Name	
	Attorney Docket Number	27/89

Please change the Correspondence Address for the above-identified patent application to:

☒ The address associated with Customer Number: 44696

OR

☐ Firm or Individual Name

Address

City State Zip

Country

Telephone Email

This form cannot be used to change the data associated with a Customer Number. To change the data associated with an existing Customer Number use "Request for Customer Number Data Change" (PTO/SB/124).

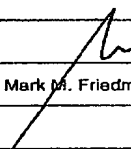
I am the:

☐ Applicant/Inventor

☐ Assignee of record of the entire interest.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

☒ Attorney or agent of record. Registration Number 33,883

☐ Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number \_\_\_\_\_

Signature 

Typed or Printed Name Mark M. Friedman

Date July 2, 2008 Telephone 301-952-1011

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of ONE forms are submitted.

This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.





## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	3554458
<b>Application Number:</b>	08817549
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	8369
<b>Title of Invention:</b>	Apparatus and method for compressing binarized images
<b>First Named Inventor/Applicant Name:</b>	Meir Feder
<b>Correspondence Address:</b>	Robert Sheinbein Mark Friedman & Co 2940 Birchtree Lane - Silver Spring MD 20906 US - -
<b>Filer:</b>	Mark Friedman
<b>Filer Authorized By:</b>	
<b>Attorney Docket Number:</b>	27/89
<b>Receipt Date:</b>	02-JUL-2008
<b>Filing Date:</b>	14-OCT-2003
<b>Time Stamp:</b>	10:23:58
<b>Application Type:</b>	U.S. National Stage under 35 USC 371

### Payment information:

Submitted with Payment	no
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### File Listing:

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	3554458
<b>Application Number:</b>	08817549
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	8369
<b>Title of Invention:</b>	Apparatus and method for compressing binarized images
<b>First Named Inventor/Applicant Name:</b>	Meir Feder
<b>Correspondence Address:</b>	Robert Sheinbein Mark Friedman & Co 2940 Birchtree Lane - Silver Spring MD 20906 US -
<b>Filer:</b>	Mark Friedman
<b>Filer Authorized By:</b>	
<b>Attorney Docket Number:</b>	27/89
<b>Receipt Date:</b>	02-JUL-2008
<b>Filing Date:</b>	14-OCT-2003
<b>Time Stamp:</b>	10:23:58
<b>Application Type:</b>	U.S. National Stage under 35 USC 371

### Payment information:

Submitted with Payment	no
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### File Listing:

08/817,549

Apparatus and method for compressing binarized images

11-25-

2008::07:00:09

**Correspondence Address**

Name:

Robert Sheinbein

Address:

Mark Friedman &amp; Co

2940 Birchtree Lane

Silver Spring MD 20906

**Attorney/Agent Information****No Attorney/Agent Data Found.**[Close Window](#)

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**08/817,549      Apparatus and method for compressing binarized images**

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**11-24-  
2008::05:05:59**

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**Bibliographic Data**

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Application Number:	08/817,549	Customer Number:	-
Filing or 371 (c) Date:	10-14-2003	Status:	Abandoned -- Failure to Respond to an Office Action
Application Type:	Utility	Status Date:	10-30-2006
Examiner Name:	DO, ANH HONG	Location:	ELECTRONIC
Group Art Unit:	2624	Location Date:	-
Confirmation Number:	8369	Earliest Publication No:	-
Attorney Docket Number:	27/89	Earliest Publication Date:	-
Class / Subclass:	382/232	Patent Number:	-
First Named Inventor:	Meir Feder , Maccabim, (IL)	Issue Date of Patent:	-

---

Title of Invention:                      Apparatus and method for compressing binarized images

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**Close Window**



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
BOX PCT  
Washington, D.C. 20231 #2

APPLICATION NO. 087817.549	FIRST NAMED APPLICANT FEDER	ATTY. DOCKET NO. 27789
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INTERNATIONAL APPLICATION NO. PCT/US95/13296
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C/O LADAS & PARKY  
PETER D. CALLOWAY  
26 WEST 61ST STREET  
NEW YORK NY 10023

LA. FILING DATE 10/17/95	PRIORITY DATE 10/18/94
-----------------------------	---------------------------

07/02/97

DATE MAILED:

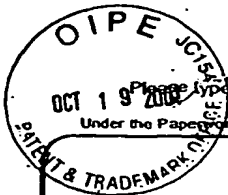
### NOTIFICATION OF ABANDONMENT

The United States Patent and Trademark Office in its capacity as  
☒ a Designated Office (37 CFR 1.494), ☐ an Elected Office (37 CFR 1.495), has made the following determination:

- ☐ Applicant's letter of express abandonment received \_\_\_\_\_ is in compliance with 37 CFR 1.138 and is hereby acknowledged.
- ☒ Applicant has failed to provide the full U. S. Basic National Fee by ☒ 20 months (37 CFR 1.494 (b)(2)), ☐ 30 months (37 CFR 1.495 (b)(2)).
- ☐ Applicant has failed to respond to the notification of MISSING REQUIREMENTS (Form PCT/DO/EO/905), mailed \_\_\_\_\_ within the time period set therein.
- ☐ Applicant has failed to properly respond to the notification of MISSING REQUIREMENTS (Form PCT/DO/EO/905), mailed \_\_\_\_\_ within the time period set therein. See the attached NOTIFICATION OF A DEFECTIVE RESPONSE (Form PCT/DO/EO/916).
- ☐ Other:

Therefore, the above identified application failed to meet the requirements of 35 U.S.C. 371 and 37 CFR  
☒ 1.494, ☐ 1.495 and is ABANDONED AS TO THE UNITED STATES OF AMERICA.

Eless Reed  
International Division  
Telephone: (703) 305-3659



Rec'd PCT/PTO

19 OCT 2000

9200/NO GP

Please type a plus sign (+) inside this box ☐

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/122 (10-00)  
Approved for use through 10/31/2002. OMB 0651-0035  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

### CHANGE OF CORRESPONDENCE ADDRESS Application

Address to:  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Application Number

Filing Date

First Named Inventor

Group Art Unit

Examiner Name

Attorney Docket Number

02/817,549  
16 APR-97  
  
  
  
27/89

Please change the Correspondence Address for the above-identified application to:

☐

Customer Number

Type Customer Number here

Place Customer  
Number Bar Code  
Label here

OR

☒

Firm or  
Individual Name

DR MARK FRIEDMAN LTD

Address

c/o Bill Polkinghorn - Discovery Dispatch

Address

9003 Florin Way

City

Upper Marlboro

State

MD

ZIP

20772

Country

U.S.A.

Telephone

(301) 952-1011

Fax

(301) 952.9023

This form cannot be used to change the data associated with a Customer Number. To change the data associated with an existing Customer Number use "Request for Customer Number Change" (PTO/SB/124).

I am the :

☐

Applicant/Inventor.

☐

Assignee of record of the entire interest.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

☒

Attorney or Agent of record.

☐

Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number \_\_\_\_\_

Typed or Printed  
Name

MARK M. FRIEDMAN Reg. No. 33, 883

Signature

Date

Sep. 12, 2001

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐

Total of \_\_\_\_\_ forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Rec'd PCT/PTO

17 JAN 2002

9200/20 JP

Please type a plus sign (+) inside this box ☐  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/122 (10-00)  
Approved for use through 10/31/2002. OMB 0651-0035  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>CHANGE OF CORRESPONDENCE ADDRESS</b> <i>Application</i>  Address to: Assistant Commissioner for Patents Washington, D.C. 20231	Application Number	08/812,549
	Filing Date	16 APR -97
	First Named Inventor	
	Group Art Unit	
	Examiner Name	
	Attorney Docket Number	237/89

Please change the Correspondence Address for the above-identified application to:

☐ Customer Number    
Type Customer Number here

OR

☒ Firm or Individual Name **DR MARK FRIEDMAN LTD**

Address **c/o Bill Polkinghorn - Discovery Dispatch**

Address **9003 Florin Way**

City **Upper Marlboro** State **MD** ZIP **20772**

Country **U.S.A.**

Telephone **(301) 952-1011** Fax **(301) 952-9023**

This form cannot be used to change the data associated with a Customer Number. To change the data associated with an existing Customer Number use "Request for Customer Number Data Change" (PTO/SB/124).

I am the:

☐ Applicant/Inventor.

☐ Assignee of record of the entire interest.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

☒ Attorney or Agent of record.

☐ Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number \_\_\_\_\_

Typed or Printed Name **MARK M. FRIEDMAN Reg. No. 33, 883**

Signature

Date **Sep. 12, 2001**

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ \*Total of \_\_\_\_\_ forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:

Meir Feder et al.

Serial No.: 08/817,549

Filed: April 16, 1997

For: Apparatus and method for  
Compressing binarized images

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Group Art Unit:

Attorney  
Docket: 27/89

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

STATUS INQUIRY

Sir:

This is to inquire as to the current status of the above referenced application.

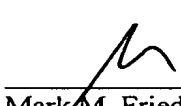
The application was filed on April 6, 1997 and the filing requirements were completed on May 23, 1997 (more than 5 years ago). To date no communication of any kind has been received from the Patent and trademark Office, except for the Official Filing Receipt.

Status inquiries were filed on October 17, 2000 and September 27, 2001 – both were not answered.

We would appreciate your advising us of the status of this application and indicate when we may expect the next official communication.

A duplicate copy of this letter is enclosed for this purpose.

Respectfully submitted,

  
\_\_\_\_\_  
Mark M. Friedman  
Attorney for Applicant  
Registration No. 33,883

Date: 14 July, 2002



18 OCT 2002



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

Mark M. Friedman  
c/o Robert Sheinbein  
2940 Birchtree Lane  
Silver Spring, MD 20906

In re Application of  
MEIER FEDER, ET AL.  
U.S. Appl. No.: 08/817,549  
PCT No.: PCT/US95/13296  
Int. Filing Date: 17 October 1995  
Priority Date: 18 October 1994  
Agent's File Reference: 27/89  
For: APPARATUS AND METHOD FOR  
COMPRESSING BINARIZED IMAGES

DECISION ON PETITION  
UNDER 37 CFR 1.181

This decision is in response to applicants' 17 July 2002 "Status Inquiry", which is being treated as a petition under 37 CFR 1.181 requesting that the "NOTIFICATION OF ABANDONMENT" (Form PCT/DO/EO/909 mailed 02 July 1997) be vacated. The petition is **GRANTED** as follows.

#### **BACKGROUND**

On 16 April 1997, applicants filed U.S. application 08/817,549 as a national stage entry of international application PCT/US95/13296. A signed declaration was not included with the application papers. However, applicants provided an authorization to charge the filing fees to counsel's Deposit Account No. 06-2140.

On 23 May 1997, applicants filed a signed declaration, a small entity statement and an authorization to charge the surcharge in the amount of \$65 to counsel's Deposit Account No. 06-2140.

Notwithstanding the above, on 02 July 1997, the DO/EO/US mailed a "NOTIFICATION OF ABANDONMENT" (Form PCT/DO/EO/909) informing applicant that U.S. application 08/817,549 is abandoned because applicants purportedly failed to provide the full U.S. Basic National Fee by 20 months from the earliest priority date as required under 37 CFR 1.494(b)(2).

**DISCUSSION**

A review of the application file reveals that applicants provided the Basic National Fee in a timely manner as the PCT Demand was filed prior to the expiration of 20 months from the priority date. The time period for filing the Basic National Fee expired on 18 April 1997. The Form PCT/DO/EO/909 mailed 02 July 1997 was sent in error. However, the declaration filed on 23 May 1997 is defective under 37 CFR 1.497 because it fails to identify all the inventors. The international application identifies three inventors, whereas the declaration only identifies two of the three inventors.

**CONCLUSION**


Accordingly, the Form PCT/DO/EO/909 mailed 02 July 1997 is hereby **VACATED**.

Accordingly, this application is being returned to the DO/EO/US to prepare a "NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 AND 37 CFR 1.494 OR 1.495" (Form PCT/DO/EO/905) indicating an oath or declaration and the surcharge for submitting an oath or declaration later than 30 months from the earliest priority date.



Leonard Smith  
PCT Legal Examiner  
PCT Legal Office

JSF/LS:jf



Jeremy Fleming  
Paralegal Specialist  
PCT Legal Office

(703)308-6154



## UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT  
United States Patent and Trademark Office  
Washington, D.C. 20231  
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
08/817,549	MEIR FEDER	27/89

INTERNATIONAL APPLICATION NO.

PCT/US95/13296

I.A. FILING DATE

PRIORITY DATE

10/17/1995

10/18/1994

C/O LADAS & PARRY  
PETER D. GALLOWAY  
26 WEST 61ST STREET  
NEW YORK, NY 10023

CONFIRMATION NO. 8369

371 FORMALITIES LETTER



\*OC000000009371109\*

Date Mailed: 01/14/2003

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Priority Document
- Biochemical Sequence Listing
- Copy of IPE Report
- Copy of the International Application
- Copy of the International Search Report
- Preliminary Amendments
- Request for Immediate Examination

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- \$130 Surcharge for providing the oath or declaration later than the appropriate 30 months from the priority date (37 CFR 1.492(e)) is required.

Additionally the following defects have been observed:

- Additional claim fees of \$44 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$174 for a Large Entity:

- \$130 Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is \$44
  - \$44 for 1 independent claims over 3.

The following items **MUST** be furnished within the period set forth below:

- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):
  - A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).
  - A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."
  - APPLICANT MUST PROVIDE:
    - An initial or substitute computer readable form (CRF) of the "Sequence Listing."
    - An initial or substitute paper copy or compact disc of the "Sequence Listing," as well as an amendment directing its entry into the specification.
- For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:
  - For Rules Interpretation, call (703) 308-4216
  - To Purchase PatentIn Software, call (703) 306-2600
  - For PatentIn Software Program Help, call (703) 306-4119 or e-mail at [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or [patin3help@uspto.gov](mailto:patin3help@uspto.gov)

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PAULETTE R KIDWELL

Telephone: (703) 305-3656

**PART 2 - OFFICE COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
08/817,549	PCT/US95/13296	27/89



Commissioner for Patents  
Washington, DC 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
08/817,549		MEIR FEDER	27/89

C/O LADAS & PARRY  
PETER D. GALLOWAY  
26 WEST 61ST STREET  
NEW YORK, NY 10023

CONFIRMATION NO. 8369

**WITHDRAWAL NOTICE**



\*OC000000009182946\*

Date Mailed: 01/14/2003

**WITHDRAWAL OF PREVIOUSLY SENT NOTICE**

The Notice of Abandonment mailed on 07/02/1997 was sent in error and is hereby withdrawn. A Notice is enclosed. The time period for reply runs from the mail date of the Notice. The Office regrets any inconvenience the error may have caused.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 3 - OFFICE COPY



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

Commissioner for Patents  
Washington, DC 20231  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
08/817,549		MEIR FEDER	27/89

CONFIRMATION NO. 8369

C/O LADAS & PARRY  
PETER D. GALLOWAY  
26 WEST 61ST STREET  
NEW YORK, NY 10023

**WITHDRAWAL NOTICE**

  
\*OC000000009182946\*

Date Mailed: 01/14/2003

**WITHDRAWAL OF PREVIOUSLY SENT NOTICE**

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*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

DT20 Rec'd PCT/PTO 12 MAR 2003

Attorney's Docket No. U 010476-5

IN THE UNITED STATES RECEIVING OFFICE (RO/US)

PCT/US95/13296

17 October 1995

INTERNATIONAL APPLICATION NO.

INTERNATIONAL FILING DATE

APPARATUS AND METHOD FOR COMPRESSING BINARIZED IMAGES

TITLE OF INVENTION

RAMOT UNIVERSITY AUTHORITY FOR APPLIED RESEARCH &  
INDUSTRIAL DEVELOPMENT LTD.

APPLICANT(s)

Assistant Commissioner for Patents  
Washington, D.C. 20231

BOX PCT

INTERNATIONAL STAGE EXPRESS MAIL CERTIFICATE

"Express Mail" label number EV011026905US

Date of Deposit March 12, 2003

I hereby certify that the following attached paper(s) or fee(s)

RETURN OF NOTIFICATION OF MISSING REQUIREMENTS  
AND WITHDRAWAL OF PREVIOUSLY SENT NOTICE

is/are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is/are addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Ibis Carrillo

Typed or printed name of person mailing paper or fee)



(Signature of person mailing paper or fee)

Each paper letter or communication relating to an international application during the international stage for which a date of filing is to be obtained as of the date of mailing must have its own certificate and the "Express Mail" label number as a part thereof or attached thereto. When, as here, the certification is presented on a separate sheet, that sheet must (1) be signed and (2) fully identify and be securely attached to the paper or fee it accompanies. Identification should include the serial number and filing date of the application as well as the type of paper being filed, e.g. complete application, specification and drawings, responses to rejection or refusal, notice of appeal, etc. If the serial number of the application is not known, the identification should include at least the name of the inventor(s) and the title of the invention.

The label number need not be placed on each page. It should, however, be placed on the first page of each separate document, such as, a new application, amendment, assignment, and transmittal letter or a fee, along with the certificate of mailing by "Express Mail". Although the label number may be on checks, such a practice is not required. In order not to deface formal drawings it is suggested that the label number be placed on the back of each formal drawing or the drawings be accompanied by a set of informal drawings on which the label number is placed.

**IN THE UNITED STATES RECEIVING OFFICE (RO/US)**

In the matter of:           Herbrt Z. SHOSHAN, et al.

International Application No.: PCT/US95/13296

Commissioner of Patents and Trademarks  
Box PCT  
Washington, D.C. 20231

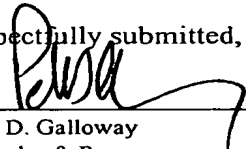
Attention:     Paulette R. Kidwell

RETURN OF  
NOTIFICATION OF MISSING REQUIREMENTS  
AND  
WITHDRAWAL OF PREVIOUSLY SENT NOTICE

The Notification of Missing Requirements and Withdrawal of Previously Sent Notice of January 14, 2003, are returned as being misdirected. The addressed attorney, who is also the undersigned, did not request national stage entry.

Please call if further assistance can be given.

Respectfully submitted,

  
Peter D. Galloway  
c/o Ladas & Parry  
26 West 61<sup>st</sup> Street  
New York, New York  
Reg. No. 27885  
Tel. No. (212) 708-1905





UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT  
 United States Patent and Trademark Office  
 Washington, D.C. 20231  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
08/817,549	MEIR FEDER	27/89

C/O LADAS & PARRY  
 PETER D. GALLOWAY  
 26 WEST 61ST STREET  
 NEW YORK, NY 10023

INTERNATIONAL APPLICATION NO.
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PCT/US95/13296

I.A. FILING DATE	PRIORITY DATE
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10/17/1995

10/18/1994

**RECEIVED**

JAN 23 2003

**L & P.**

CONFIRMATION NO. 8369

371 FORMALITIES LETTER



\*OC000000009371109\*

Date Mailed: 01/14/2003

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Priority Document
- Biochemical Sequence Listing
- Copy of IPE Report
- Copy of the International Application
- Copy of the International Search Report
- Preliminary Amendments
- Request for Immediate Examination

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- \$130 Surcharge for providing the oath or declaration later than the appropriate 30 months from the priority date (37 CFR 1.492(e)) is required.

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- \$130 Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is \$44
  - \$44 for 1 independent claims over 3.

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  - A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).
  - A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."
  - APPLICANT MUST PROVIDE:
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    - An initial or substitute paper copy or compact disc of the "Sequence Listing," as well as an amendment directing its entry into the specification.
- For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:
  - For Rules Interpretation, call (703) 308-4216
  - To Purchase PatentIn Software, call (703) 306-2600
  - For PatentIn Software Program Help, call (703) 306-4119 or e-mail at [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or [patin3help@uspto.gov](mailto:patin3help@uspto.gov)

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

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*A copy of this notice **MUST** be returned with the response.*

PAULETTE R KIDWELL

Telephone: (703) 305-3656

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
08/817,549	PCT/US95/13296	27/89



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
08/817,549	MEIR FEDER	27/89

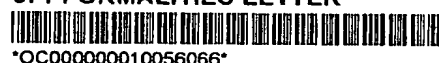
INTERNATIONAL APPLICATION NO.
PCT/US95/13296

I.A. FILING DATE	PRIORITY DATE
10/17/1995	10/18/1994

Mark M. Friedman  
 c/o Robert Sheinbein  
 2940 Birchtree Lane  
 Silver Spring, MD 20906

CONFIRMATION NO. 8369

371 FORMALITIES LETTER



\*OC000000010056066\*

Date Mailed: 05/19/2003

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 07/17/2002
- Copy of the International Search Report filed on 07/17/2002
- Copy of IPE Report filed on 07/17/2002
- Preliminary Amendments filed on 07/17/2002
- Request for Immediate Examination filed on 07/17/2002
- U.S. Basic National Fees filed on 07/17/2002
- Priority Documents filed on 03/12/2003

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- \$130 Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

Additionally the following defects have been observed:

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## SUMMARY OF FEES DUE:

Total additional fees required for this application is \$174 for a Large Entity:

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**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

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*A copy of this notice **MUST** be returned with the response.*

PAULETTE R KIDWELL

Telephone: (703) 305-3656

**PART 2 - OFFICE COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
08/817,549	PCT/US95/13296	27/89



PCT  
DT14 Rec'd PCT/PTO 1 4 JUL 2003 #8

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:

Meir Feder et al.

Serial No.: 08/817,549

Filed: April 16, 1997

For: Apparatus and method for  
Compressing binarized images

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Group Art Unit:

Attorney  
Docket: 27/89

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

STATUS INQUIRY

Sir:

This is to inquire as to the current status of the above referenced application.

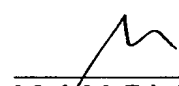
The application was filed on April 6, 1997 and the filing requirements were completed on May 23, 1997 (more than 6 years ago). To date no communication of any kind has been received from the Patent and trademark Office, except for the Official Filing Receipt.

Status inquiries were filed on October 17, 2000, September 27, 2001 and July 17, 2002 – all were not answered.

We would appreciate your immediate attention to advising us of the status of this application and indicate when we may expect a first official communication.

A duplicate copy of this letter is enclosed for this purpose.

Respectfully submitted,

  
\_\_\_\_\_  
Mark M. Friedman  
Attorney for Applicant  
Registration No. 33,883

Date: July 10, 2003

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

INTERNATIONAL APPLICATION NO.

I.A. FILING DATE	PRIORITY DATE
------------------	---------------

10/18/1994

**CONFIRMATION NO. 8369**

\*06000000010728552\*

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

- Copy of the International Application filed on 07/17/2002
- Copy of the International Search Report filed on 07/17/2002
- Copy of IPE Report filed on 07/17/2002
- Preliminary Amendments filed on 07/17/2002
- Request for Immediate Examination filed on 07/17/2002
- U.S. Basic National Fees filed on 07/17/2002
- Priority Documents filed on 03/12/2003

- **Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.**
- **\$130 Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.**

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- Total additional claim fee(s) for this application is **\$44**
  - **\$44** for 1 independent claims over 3.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

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Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PAULETTE R KIDWELL

Telephone: (703) 305-3656

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
08/817,549	PCT/US95/13296	27/89

#3  
RECEIVED PTO 14 OCT 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:

Meir Feder et al.

Serial No.: 08/817,549

Filed: April 16, 1997

For: APPARATUS AND METHOD FOR  
COMPRESSING BINARIZED IMAGES

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Group Art Unit:

Attorney  
Docket: 27/89

Initial Patent Examination Division  
Commissioner of Patents and Trademarks  
Washington, D.C. 20231

COMPLETION OF FILING REQUIREMENTS

Sir:

This is in response to the Notification of Missing Requirements mailed August 20, 2003, which response is being made on or before October 20, 2003, and for which no extension fees are due.

Enclosed herein is PTO Form.

Also enclosed are copies of the declaration signed by the inventors in April 1997, and submitted to the USPTO under the cover "Completion Of Filing Requirements & Request For Refund" on May 23, 2003 (enclosed is copy of document and proof of its receipt in the USPTO mailroom).


Please note that the address of the undersigned as appears on the declaration has since been changed to, and should remain: c/o Bill Polkinghorn – Discovery Dispatch, 9003 Florin Way, Upper Marlboro, MD 20772.

Therefore, we believe that no surcharge is due. If, however, it is decided that we must pay the surcharge of \$65, authorization is hereby granted to charge Deposit Account 06-2140. A duplicate copy of this letter is included.

Respectfully submitted,

10/30/2003 SNAJARRO 00000007 062140 08817549  
02 FC:2617 65.00 DA

Date: October 12, 2003

  
Mark M. Friedman  
Attorney for Applicant  
Registration No. 33,883





## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
08/817,549	Meir Feder	27/89

INTERNATIONAL APPLICATION NO.
PCT/US95/13296

I.A. FILING DATE	PRIORITY DATE
10/17/1995	10/18/1994

Robert Sheinbein  
 Mark Friedman & Co  
 2940 Birchtree Lane  
 Silver Spring, MD 20906

CONFIRMATION NO. 8369

371 ACCEPTANCE LETTER



\*OC000000011235365\*

Date Mailed: 11/14/2003

**NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495**

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above and the relevant dates are:

<u>10/14/2003</u>	<u>10/14/2003</u>
DATE OF RECEIPT OF 35 U.S.C. 371(c)(1), (c)(2) and (c)(4) REQUIREMENTS	DATE OF RECEIPT OF ALL 35 U.S.C. 371 REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. **THE DATE APPEARING ON THE FILING RECEIPT AS THE " FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE.** *The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363).* Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- Copy of the International Application filed on 07/17/2002
- Copy of the International Search Report filed on 07/17/2002
- Copy of IPE Report filed on 07/17/2002
- Preliminary Amendments filed on 07/17/2002
- Oath or Declaration filed on 10/14/2003
- Small Entity Statement filed on 10/14/2003
- Request for Immediate Examination filed on 07/17/2002
- U.S. Basic National Fees filed on 07/17/2002
- Assignee Statement filed on 10/14/2003
- Priority Documents filed on 03/12/2003
- Power of Attorney filed on 10/14/2003

---

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

---

PAULETTE R KIDWELL

Telephone: (703) 305-3656

PART 3 - OFFICE COPY

FORM PCT/DO/EO/903 (371 Acceptance Notice)

Organization

U.S. DEPARTMENT

COMMISSIONER FOR PATENTS

P.O. BOX 1450

ALEXANDRIA, VA 22313-1450

IF UNDELIVERABLE RETURN IN TEN DAYS

OFFICIAL BUSINESS

AN EQUAL OPPORTUNITY EMPLOYER



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NOT DELIVERABLE AS ADDRESSED  
UNABLE TO FORWARD  
RETURN TO SENDER

*Handwritten:* A. NIXIE

RECEIVED  
APR 07 2006  
USPTO MAIL CENTER



2624  
TJW

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1459  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
08/817,549	10/14/2003	Meir Feder	27/89	8369
7590	03/28/2006		EXAMINER	
Robert Sheinbein Mark Friedman & Co 2940 Birchtree Lane Silver Spring, MD 20906			DO, ANH HONG	
			ART UNIT	PAPER NUMBER
			2624	

DATE MAILED: 03/28/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 08/817,549	<b>Applicant(s)</b> FEDER ET AL.	
	<b>Examiner</b> ANH H. DO	<b>Art Unit</b> 2627	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(e). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 10-15 is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 16 April 1997 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)             | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. ____   |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date ____  | 6) <input type="checkbox"/> Other: ____                                     |

**DETAILED ACTION**

***Claim Rejections - 35 USC § 101***

1. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

2. Claims 1-9 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. Claims 1-9 are drawn to a computer implemented process that merely manipulates data or an abstract idea, or merely solves a mathematical problem without a limitation to a practical application in a technological arts.

In order for a claimed invention to accomplish a practical application, it must produce a "useful, concrete and tangible result" *State Street*, 149 F.3d at 1373, 47 USPQ2d at 1601-02 (see MPEP 2106.II.A). A practical application can be achieved through recitation of "a physical transformation outside the computer for which a practical application in the technological arts is either disclosed in the specification or would have been known to a skilled artisan", or "limited to a practical application within the technological arts" (MPEP 2106 IVB2(b)). Currently, claims 1-9 meet neither of these criteria. In order for the claimed process to produce a "useful, concrete and tangible" result, recitation of one or more of the following elements is suggested:

- \* The manipulation of data that represents a physical object or activity transformed from outside the computer (MPEP 2106 IVB2(b)(i)).
- \* A recitation of a physical transformation outside the computer, for example in the form of pre or post computer processing activity (MPEP 2106 IVB2(b)(i)).

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\* A direct recitation of a practical application in the technological arts (MPEP 2106 IVB2(b)(ii)).

***Allowable Subject Matter***

3. Claims 10-15 are allowed.
4. The following is a statement of reasons for the indication of allowable subject matter:

Regarding claims 10 and 11, the prior art, taken either singly or in combination, does

not teach:

- an adaptive encoder operative to... a small accumulated frequency.

Regarding claims 12-15, since they depend upon claim 10, they are also allowable for the same reason.

***Contact Information***

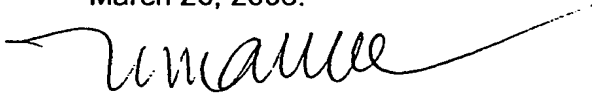
Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANH H. DO whose telephone number is 571-272-7433. The examiner can normally be reached on 5/4-9.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, MATTHEW BELLA can be reached on 571-272-7778. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2627

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

March 20, 2006.



**ANH HONG DO**  
**PRIMARY EXAMINER**



**Notice of References Cited**

Application/Control No.

08/817,549

Applicant(s)/Patent Under  
Reexamination  
FEDER ET AL.

Examiner

ANH H. DO

Art Unit

2627

Page 1 of 1

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-5,844,718	12-1998	Ohsawa et al.	358/539
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(e).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

TC 2600

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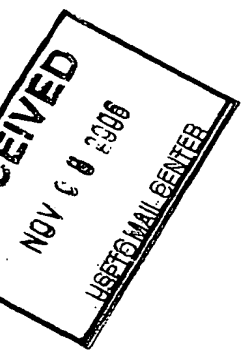
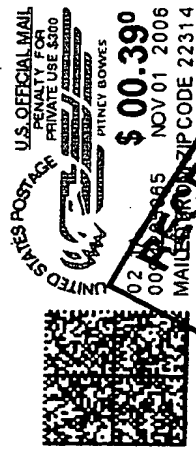
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m.f.

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
08/817,549	10/14/2003	Meir Feder	27/89	8369
7590 11/01/2006				
Robert Sheinbein		EXAMINER		
Mark Friedman & Co		DO, ANH HONG		
2940 Birchtree Lane		ART UNIT		
Silver Spring, MD 20906		2624		

DATE MAILED: 11/01/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

# Notice of Abandonment

Application No.

08/817,549

Examiner

ANH H. DO

Applicant(s)

FEDER ET AL.

Art Unit

2624

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

This application is abandoned in view of:

1. ☒ Applicant's failure to timely file a proper reply to the Office letter mailed on 07 April 2006.
  - (a) ☐ A reply was received on \_\_\_\_\_ (with a Certificate of Mailing or Transmission dated \_\_\_\_\_), which is after the expiration of the period for reply (including a total extension of time of \_\_\_\_\_ month(s)) which expired on \_\_\_\_\_.
  - (b) ☐ A proposed reply was received on \_\_\_\_\_, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection.  
(A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).
  - (c) ☐ A reply was received on \_\_\_\_\_ but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).
  - (d) ☒ No reply has been received.
2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).
  - (a) ☐ The issue fee and publication fee, if applicable, was received on \_\_\_\_\_ (with a Certificate of Mailing or Transmission dated \_\_\_\_\_), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85).
  - (b) ☐ The submitted fee of \$\_\_\_\_\_ is insufficient. A balance of \$\_\_\_\_\_ is due.  
The issue fee required by 37 CFR 1.18 is \$\_\_\_\_\_. The publication fee, if required by 37 CFR 1.18(d), is \$\_\_\_\_\_.
  - (c) ☐ The issue fee and publication fee, if applicable, has not been received.
3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).
  - (a) ☐ Proposed corrected drawings were received on \_\_\_\_\_ (with a Certificate of Mailing or Transmission dated \_\_\_\_\_), which is after the expiration of the period for reply.
  - (b) ☐ No corrected drawings have been received.
4. ☐ The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.
5. ☐ The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.
6. ☐ The decision by the Board of Patent Appeals and Interference rendered on \_\_\_\_\_ and because the period for seeking court review of the decision has expired and there are no allowed claims.
7. ☐ The reason(s) below:



ANH H DO  
Primary Examiner  
Art Unit: 2624

Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.